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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/732,315	12/07/2000	Loi Han	5589-1045	1550

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EXAMINER

LEE, CHEUKFAN

ART UNIT PAPER NUMBER

2625

DATE MAILED: 07/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/732,315	<b>Applicant(s)</b> HAN ET AL.	
	<b>Examiner</b> Cheukfan Lee	<b>Art Unit</b> 2625	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 20 April 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 13 and 14 is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☒ Claim(s) 1-12 and 15-20 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07 December 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

1. Claims 1-20 remain in the application for examination.
2. This application is in condition for allowance except for the following formal matters:

In claim 1, lines 3 of the claim, "scale comprising" should be changed to – scale, comprising --; and

line 5, after "housing;," -- and – should be inserted.

In claim 2, lines 2-3, "scale comprising" should be changed to – scale, comprising --;

line 5, after "housing;" – and – should be inserted --; and

line 8, "image;" should be changed to – image, --.

In claim 6, line 3, "scale comprising" should be changed to – scale, comprising --.

In claim 10, line 3, "scale comprising" should be changed to – scale, comprising -  
-; and

line 12, "scale;" should be changed to – scale, --.

In claim 12, line 3, "scale comprising" should be changed to – scale, comprising -  
-; and

line 12, "scale;" should be changed to – scale, --.

In claim 15, line 1, "image comprising" should be changed to – image, comprising --; and

line 5, "image;" should be changed to – image, --.

In claim 16, line 1, "image comprising" should read – image, comprising --; and

line 5, "image;" should be changed to – image, --.

In claim 17, line 1, "image comprising" should be changed to – image, comprising --; and

line 5, "image;" should be changed to – image, --.

In claim 18, line 1, "image comprising" should be changed to – image, comprising --; and

line 5, "image;" should be changed to – image, --.

In claim 19, line 1, "image comprising" should be changed to – image, comprising --; and

line 5, "image;" should be changed to – image, --.

In claim 20, "image comprising" should be changed to – image, comprising --;  
and

line 5, "image;" should be changed to – image, --.

Claims 1, 2, 6, 10, 12, and 15-20 are objected to in this Office Action. Claims 3-5, 7-9, and 11 are objected to as being dependent on an objected claim. **Thus, claims 1-12 and 15-20 are objected to in this Office Action.**

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

3. The following is an examiner's statement of reasons for allowance:

Claim 1 would be allowable. The examiner agrees with Applicant's remarks that there is no motivation to combine the teaching of Ishibe et al. (5,838,364) and McConica et al. (5,710,425) to provide a scanner having a housing having a scanning surface thereon on which objects being scanned are placed as claimed, since it is the piece of film itself is a scanning surface in Ishibe, not the housing that provides for a scanning surface as claimed. The examiner noted that the piece film is inserted to film guide groove (3) in Figs. 1 and 4B of Ishibe et al, which supports the piece film during transporting and scanning of the piece film (col. 3, lines 23-43 and col. 4, lines 11-20). See Applicant's remarks, section II, B on pages 10-14.

Claims 3-5 depend on claim 1.

Claim 2 has been re-written in independent form. Claim 2 was indicated allowable if re-written in independent form and the reason for allowance given in the previous Office Action, which is still valid after the updated search, is repeated below.

Claim 2 would be allowable because the image display device, to which the digital data is transmitted from the obvious scanner of Ishibe et al. (5,838,364) in view of McConica discussed for claim 1 in the previous Office Action, is not an LCD projector. The examiner found no motivation to modify the system of Ishibe et al. having a TV monitor for displaying the received data to include an LCD projector.

Claim 6 has been amended to define the "stand alone central processing unit (CPU)" to be a unit "not including a display device. The examiner found Applicant's arguments convincing that the system comprising the combination of the claimed stand alone scanner, stand alone central processing unit, and stand alone display device as claimed, is not taught by the prior art of record. See Applicant's remarks, section IV, B on pages 17-18.

Claims 7-9 and 11 depend on claim 6.

Claim 10 has been re-written in independent form. Claim 10 was indicated allowable if re-written in independent form and the reason for allowance given in the previous Office Action, which is still valid after the updated search, is repeated below.

Claim 10 requires a television monitor as the display device. The display device of the obvious scanner projection system of McConica in view of Applicant's prior art discussed for claim 6 in the previous Office Action is an LCD projector, not a TV monitor.

Claim 12 has been re-written in independent form. Claim 12 was indicated allowable if re-written in independent form and the reason for allowance given in the previous Office Action, which is still valid after the updated search, is repeated below.

Claim 12 requires that the CPU is further adapted to receive signals from an infrared (IR) remote control device, to convert the IR signals to digital data representative of IR signals, containing software to process the digital data to change the digital data representative of the object image transmitted to the display device to alter the scale and/or position of the portion of the object image displayed. McConica does not disclose that the computer (Fig. 1A) is adapted to receive and process IR signals as claimed and contains software to alter the scale and/or position of the portion of the object image display as claimed. The system of McConica in view of Applicant's admitted prior art discussed for claim 6 in the previous Office Action does not have a CPU as claimed.

Claim 13 has been amended to further define the converted digital data of the stand alone flatbed scanner to be digital data adapted for transmission "directly" to a display device. Claim 13 and its dependent claim 14 are allowable over McConica. The

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examiner agrees with Applicant's remark that the McConica's scanner transmits image data that must be processed by the software on the remote computer to put it in digital form adapted for transmission directly to a display device. See Applicant's remarks, section V on page 18.

Claim 14 depends on claim 13.

Claims 15-18 have been re-written in independent form. Claims 15-18 were indicated allowable if re-written in independent form and the reasons for allowance given in the previous Office Action, which is still valid after the updated search, is repeated below.

Claims 15-18 would be allowable because McConica does not disclose that the installed software is adapted to allow changing the displayed image scale, or is adapted to allow the portion of the image displayed to be shifted vertically and horizontally as claimed.

Claims 19 and 20 have been re-written in independent form. Claims 19 and 20 were indicated allowable if re-written in independent form and the reasons for allowance given in the previous Office Action, which is still valid after the updated search, is repeated below.

Claims 19 and 20 would be allowable because the image display device of McConica is a computer display monitor, not a television monitor or an LCD projector as claimed.



Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheukfan Lee whose telephone number is (571) 272-7407. The examiner can normally be reached on 9:30 a.m. to 6:00 p.m., Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Cheukfan Lee  
July 6, 2006



Cheukfan Lee